

App. No. 10/089,409
Office Action Dated September 13, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1-6, 11-14 and 18-20 are amended.

Claims 21-26 are new.

Listing of Claims:

1. (Currently Amended) An optical disk as a read-only optical disk comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a pit information surface and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

~~wherein the protective layer is formed of an ultraviolet curable resin coated with a silicone oil, and the protective layer is either a protective layer that is used in suited for a floating type magnetic head used for a magnetic field modulation type magneto-optical disk and~~
formed of an ultraviolet curable resin layer coated with a silicone oil or a protective layer suited for a sliding type magnetic head used for the magnetic field modulation type magneto-optical disk.

2. (Currently Amended) An optical disk as a read-only optical disk comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a pit information surface, a printing layer, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

~~wherein the protective layer is formed of an ultraviolet curable resin coated with a silicone oil, and the protective layer is a protective layer that is used in suited for a floating type magnetic head used for a magnetic field modulation type magneto-optical disk and~~
formed of an ultraviolet curable resin layer coated with a silicone oil or a protective layer suited for a sliding type magnetic head used for the magnetic field modulation type magneto-optical disk.

App. No. 10/089,409

Office Action Dated September 13, 2005

3. (Currently Amended) An optical disk as a partially recorded optical disk comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a layer, divided into a pit information surface region and a magneto-optical recording surface region, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

~~wherein the protective layer is formed of an ultraviolet curable resin coated with a silicone oil, and the protective layer is a protective layer that is used in suited for a floating-type magnetic head used for a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil or a protective layer suited for a sliding-type magnetic head used for the magnetic field modulation type magneto-optical disk.~~

4. (Currently Amended) An optical disk as a partially recorded optical disk comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a layer, divided into a pit information surface region and a magneto-optical recording surface region, a printing layer, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

~~wherein the protective layer is formed of an ultraviolet curable resin coated with a silicone oil, and the protective layer is a protective layer that is used in suited for a floating-type magnetic head used for a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil or a protective layer suited for a sliding-type magnetic head used for the magnetic field modulation type magneto-optical disk.~~

5. (Currently Amended) The optical disk according to any of claims 1 to 4, wherein the ~~optical disk allows~~ recording and/or reproduction ~~[[to be]]~~ are (is) performed by an optical disk device that performs recording and/or reproduction with respect to ~~so that compatibility with the magnetic field modulation type magneto-optical disk is attained.~~

6. (Currently Amended) The optical disk according to any of claims 1 to 4, wherein the optical disk is housed in an optical disk cartridge having an opening ~~formed so that~~ that exposes the light incidence surface and the surface of the protective layer ~~are exposed.~~

App. No. 10/089,409

Office Action Dated September 13, 2005

7. (Canceled)

8. (Original) The optical disk according to claim 1 or 2, wherein the protective layer of the read-only optical disk is formed of an ultraviolet curable resin coated with a silicone oil having a viscosity lower than that of a silicone oil used for a protective layer of the magnetic field modulation type magneto-optical disk.

9. (Original) The optical disk according to any of claims 1 to 4, wherein identification data regarding the protective layer is recorded on the optical disk.

10. (Original) The optical disk according to claim 6, wherein identification data regarding the protective layer is recorded on the optical disk cartridge.

11. (Currently Amended) A magnetic field modulation type magneto-optical disk comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a magneto-optical recording surface, a printing layer, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil suited for a floating-type magnetic head or a protective layer suited for a sliding-type magnetic head.

12. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device allowing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk and a read-only optical disk,

wherein recording and/or reproduction are (is) performed with respect to [[the]] a read-only optical disk according to any of claims 1 to 2 comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a pit information surface and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface.

App. No. 10/089,409

Office Action Dated September 13, 2005

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil

~~are (is) performed so that compatibility with the magnetic field modulation type magneto-optical disk is attained.~~

13. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device performing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk, a read-only disk, and an the read-only optical disk according to any of claims 1 to 2, comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a pit information surface and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil,

wherein the magnetic head is retracted when mounting the magneto-optical disk, the read-only disk, and the read-only optical disk, [[and]]

the magnetic head is separated from the read-only optical disk when performing reproduction with respect to the read-only optical disk, and

the magnetic head is allowed to slide or float when performing recording and reproduction with respect to the magneto-optical disk and the read-only optical disk.

14. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device performing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk, a read-only optical disk, and an the read-only optical disk according to any of claims 1 to 2, comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face,

App. No. 10/089,409
Office Action Dated September 13, 2005

in which at least a pit information surface and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil,

wherein the magnetic head is retracted when mounting the magneto-optical disk, the read-only optical disk, and the read-only optical disk,

the magnetic head is separated from the magneto-optical disk and the read-only optical disk when performing reproduction with respect to the magneto-optical disk and the read-only optical disk, respectively, and

the magnetic head is allowed to slide or float when performing recording with respect to the magneto-optical disk and recording and reproduction with respect to the read-only optical disk.

15-17. (Canceled)

18. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device allowing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk and a read-only optical disk,

wherein recording and/or reproduction are (is) performed with respect to [[the]] a partially recorded optical disk according to any of claims 3 to 4 comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a layer, divided into a pit information surface region and a magneto-optical recording surface region, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

App. No. 10/089,409
Office Action Dated September 13, 2005

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil

~~are (is) performed so that compatibility with the magnetic field modulation type magneto-optical disk is attained.~~

19. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device performing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk, a read-only optical disk, and ~~[[the]]~~ a partially recorded optical disk according to any of claims 3 to 4, comprising an optical disk substrate of a predetermined thickness having a light incidence surface on one face, in which at least a layer, divided into a pit information surface region and a magneto-optical recording surface region, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil,

wherein the magnetic head is retracted when mounting the magneto-optical disk, the read-only optical disk, and the partially recorded optical disk, ~~[[and]]~~

the magnetic head is separated from the read-only optical disk when performing reproduction with respect to the read-only optical disk, and

the magnetic head is allowed to slide or float when performing recording and reproduction with respect to the magneto-optical disk and the partially recorded optical disk.

20. (Currently Amended) An optical disk device comprising a floating-type or a sliding-type magnetic head and an optical head, the optical disk device performing recording and/or reproduction with respect to a magnetic field modulation type magneto-optical disk, a read-only optical disk, and ~~[[the]]~~ a partially recorded optical disk according to any of claims 3 to 4, comprising an optical disk substrate of a predetermined thickness having a light incidence

App. No. 10/089,409
Office Action Dated September 13, 2005

surface on one face, in which at least a layer, divided into a pit information surface region and a magneto-optical recording surface region, and a protective layer are formed in this order on a side of the other face opposed to the light incidence surface,

wherein the protective layer is a protective layer that is used in a magnetic field modulation type magneto-optical disk and formed of an ultraviolet curable resin layer coated with a silicone oil,

wherein the magnetic head is retracted when mounting the magneto-optical disk, the read-only optical disk, and the partially recorded optical disk,

the magnetic head is separated from the magneto-optical disk and the read-only optical disk when performing reproduction with respect to the magneto-optical disk and the read-only optical disk, respectively, and

the magnetic head is allowed to slide or float when performing recording with respect to the magneto-optical disk and recording and reproduction with respect to the partially recorded optical disk.

21. (New) The optical disk device according to claim 12 wherein a printing layer is formed between the pit information surface and the protective layer.
22. (New) The optical disk device according to claim 13 wherein a printing layer is formed between the pit information surface and the protective layer.
23. (New) The optical disk device according to claim 14 wherein a printing layer is formed between the pit information surface and the protective layer.
24. (New) The optical disk device according to claim 18 wherein a printing layer is formed between the magneto-optical recording surface region and the protective layer.
25. (New) The optical disk device according to claim 19 wherein a printing layer is formed between the magneto-optical recording surface region and the protective layer.

App. No. 10/089,409

Office Action Dated September 13, 2005

26. (New) The optical disk device according to claim 20 wherein a printing layer is formed between the magneto-optical recording surface region and the protective layer.